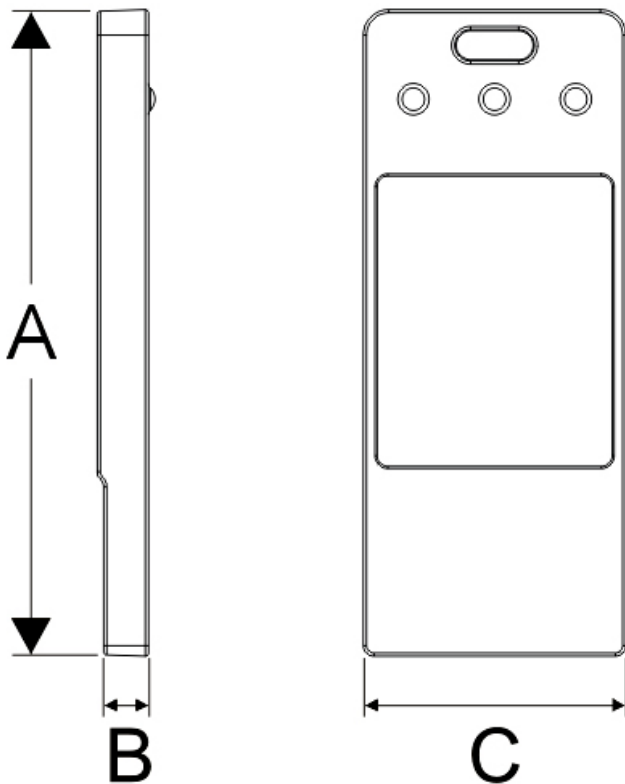# TS1GJFT3

## Description

TS1GJFT3 is a 1GB USB Flash Drive with 1pcs of 1Gx8 Flash Memory assembled on printed circuit board.
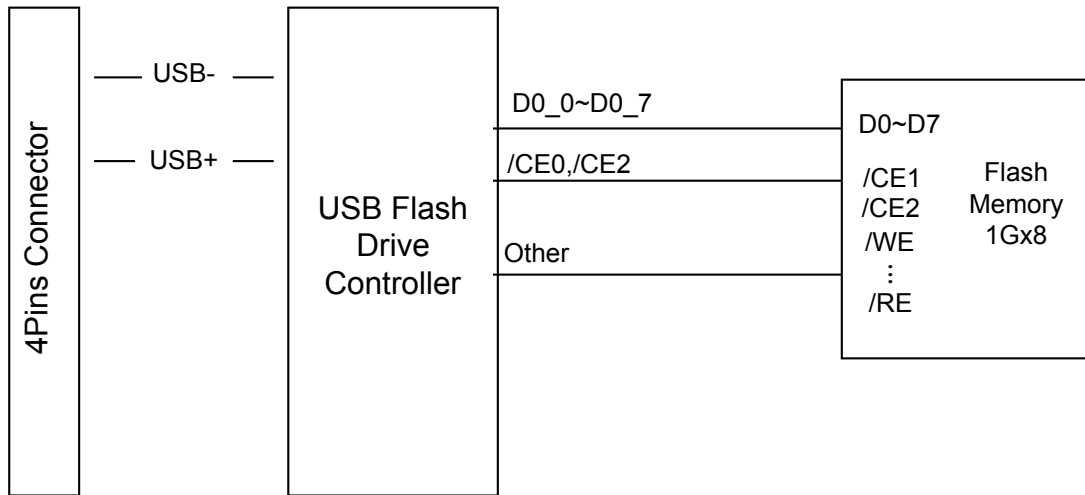
## Outline



## Features

· USB Interface: Compliant with USB specification 2.0.
· PC-Lock Function: Makes JetFlash® a key to lock your computer

· Secret-Zip Function: Compress and/or Password protect saved files using AES Encryption

· E-Mail Function: Use your JetFlash® to Securely Send, Receive and Save e-mails

· AutoLogin Function: Automatically login to websites where you have a password

· Favorites Function: Store all your favorite website addresses on the JetFlash®

· DataBackup Function: Backup, Restore and Synchronize your Data using the JetFlash®

· No external power or battery needed

## Dimensions

| Side | Millimeters | Inches |
|------|-------------|--------|
| A | $30.3 \pm 0.08$ | $1.19 \pm 0.003$ |
| B | $2.4 \pm 0.05$ | $0.48 \pm 0.002$ |
| C | $12.3 \pm 0.05$ | $0.1 \pm 0.002$ |

## Block Diagram

### With 1 pcs of 1Gx8 Flash Memory

```
┌──────────────┐         ┌──────────────┐                    ┌──────────────┐
│              │         │              │                    │              │
│              │── USB- ─│              │  D0_0~D0_7         │ D0~D7        │
│              │         │              │───────────────────│              │
│ 4Pins        │── USB+ ─│ USB Flash    │  /CE0,/CE2         │ /CE1    Flash│
│ Connector    │         │ Drive        │───────────────────│ /CE2   Memory│
│              │         │ Controller   │                    │ /WE     1Gx8 │
│              │         │              │  Other             │   ⋮          │
│              │         │              │───────────────────│ /RE          │
│              │         │              │                    │              │
└──────────────┘         └──────────────┘                    └──────────────┘
```

# TS1GJFT3

## Pinouts

| Pin No. | Pin Name |
|---------|----------|
| 01 | VCC |
| 02 | USB- |
| 03 | USB+ |
| 04 | VSS |

## Pin Identification

| Symbol | Function |
|--------|----------|
| USB- | USB differential signal: |
| USB+ | The pairs are used to transmit Data/Address/Command |
| VSS | Ground |
| VCC | USB power input |

## Specifications

| | |
|---|---|
| Storage Capacity | 1GB |
| Data Retention | 10 years |
| Erase Cycles | >10,000 times |
| Connector Durability | 10,000 times |
| System Performance | Read: 10MB/sec (max.), Write: 3MB/sec (max.) |
| Power Supply | DC 5V±10% via the USB port |
| Temperature Range | Operation: 0-70 $^o$C, Non-Operating: -40$^o$C-85$^o$C |
| Certificates | CE, FCC, BSMI |

Above technical information is based on industry standard data and tested to be reliable. However, Transcend makes no warranty, either expressed or implied, as to its accuracy and assumes no liability in connection with the use of this product. Transcend reserves the right to make changes in specifications at any time without prior notice.